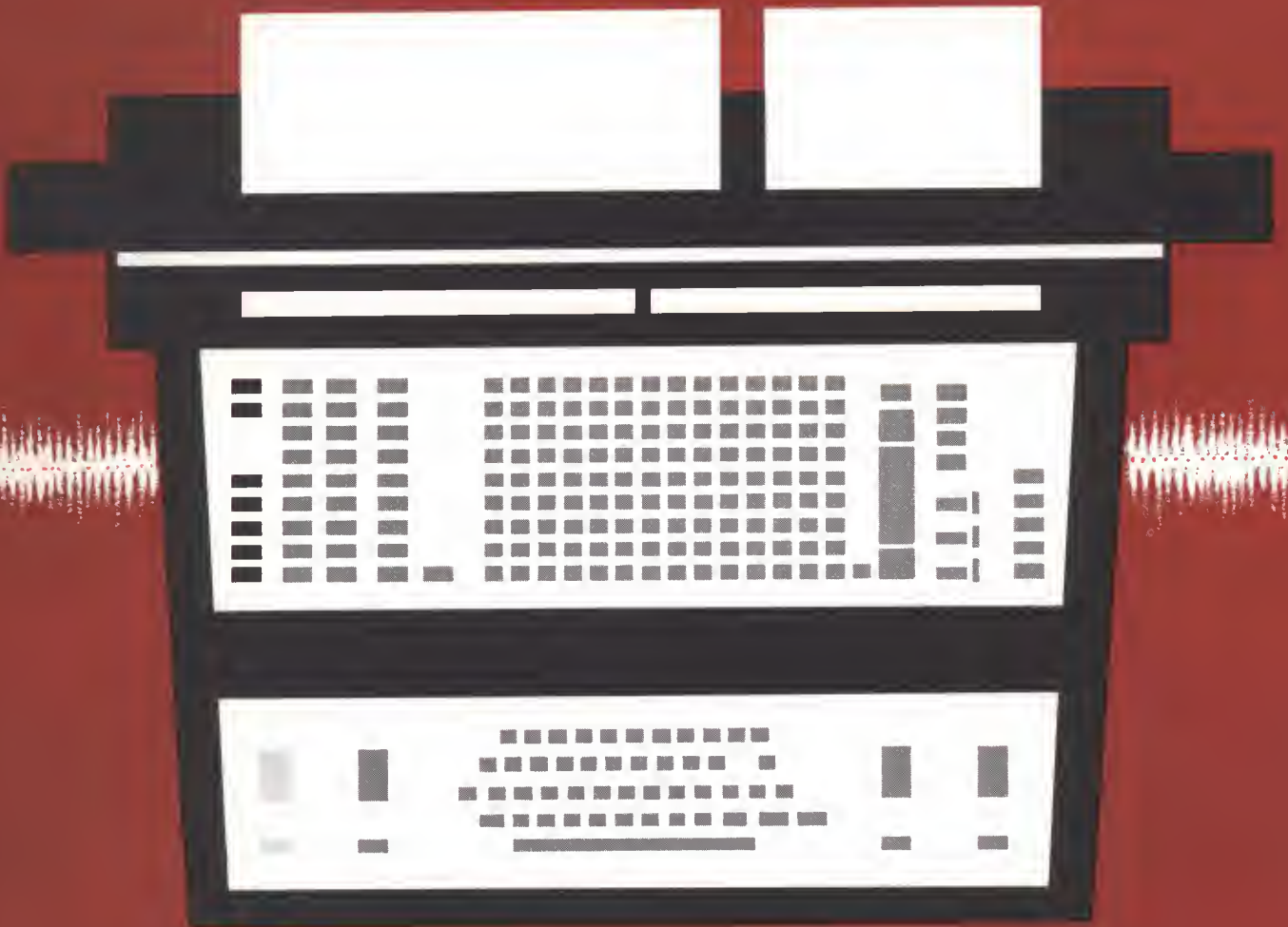


NCR
395



ELECTRONIC ACCOUNTING SYSTEM



This brochure introduces the NCR 395 . . . a new, transistorized, electronic accounting and computing system. It is designed for varied data processing applications in all types and sizes of business.

Highlighted here, are a few of its many features that will stimulate and challenge systems-conscious people everywhere to new and better procedures . . . for increased accounting efficiency and more profitable results.

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the 395 system . . . a new high standard for accounting efficiency!

New, basic design techniques enable NCR to offer the business world an advanced, all-transistorized electronic accounting system . . . truly, a new high standard for accounting efficiency.

Even in the realm of high-speed computers there is still an important segment of business and accounting problems which the accounting machine solves more economically than any other piece of equipment. The NCR 395 is engineered specifically to fill this need. It can perform initial processing and provide complete results. It can serve as a satellite where initial processing requires by-product machinable media for subsequent processing by the 395 or a computer.

Here, then, is a modern, general-purpose data processing system which presents businesses of all sizes with a powerful new tool . . . a challenge to present methods . . . a new foundation for future systems development and improvement.

The configuration shown here is card-oriented and includes:

1. Alphameric console conveniently packaged in a central position for ease of operation and high performance.
2. Alphameric card reader for automatic, sequential reading and handling of data from punched cards.





input

... versatility is the keynote

Communication is an important element in data processing. In order to smooth the flow of data through a system, machines must be able to "talk" to each other. In the end, the processor must be able to act as interpreter and provide the final link in the communication chain by producing accumulated data in usable form for management. The NCR 395 spans the communication breach and provides the flexibility desired in fast, efficient data communication.

The flow of data in accounting systems originates from many sources. To provide a means for processing data without duplication of handling to obtain a specific communication media, the 395 has two distinct communication capabilities:

1. **The console keyboard** provides for entry of data from source documents such as invoices, sales orders, time tickets, time cards, etc. This permits entry of data direct to the processor and avoids the necessity of capturing data in some other form prior to processing.
2. **Punched cards**, which are automatically fed and read, provide a fast and efficient means of entering data that has been automatically captured as a part of another processing procedure. This could be from an initial processing on the 395 or the result of some other procedure.

Thus, the NCR 395 provides versatility of communication which, in turn, provides maximum benefits for the user and optimum performance so necessary for efficient data processing requirements.

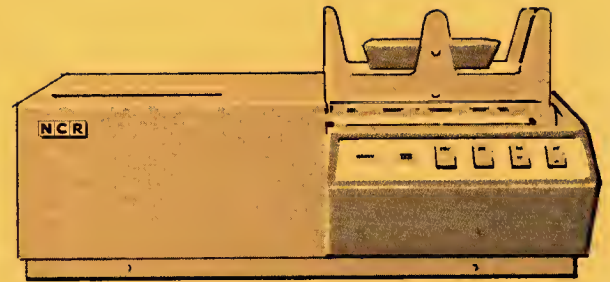


console keyboard

Provides fast, efficient communication with the processor . . . Up to 14 digits of data can be entered and/or printed in a single operation.

The full, flexible amount keyboard permits simultaneous depression of multiple digits and allows the operator to visually inspect the entry prior to its introduction into the system.

All data can be printed on hard-copy records as it is entered . . . providing a permanent, printed, audit-trail of all console operations.



punched card reading

Automatic, sequential reading from any selected field or series of fields provides for entry of data to the processor . . . directly to the accounting records . . . or to both the processor and accounting records.

Numeric data is read directly to memory for processing . . . entered in memory and on accounting records . . . or processed directly to accounting records. Alphabetic information is read by the reader and printed on accounting records automatically by the alpha printer.

Combining the two methods of input—cards and console—with the electronic memory provides increased flexibility. Storage of basic information such as fixed factors, rates, percentages and tables in memory can save valuable processing time. They can be applied automatically or through selective control by the operator.

Data can be transferred from one portion of memory to another. It can be compared with information entered on the console, from another portion of memory or from punched cards. It can be multiplied by data from the console, from cards or another portion of memory. And it can be called from memory, used, and then restored to the same or another portion of memory for use again.



processing



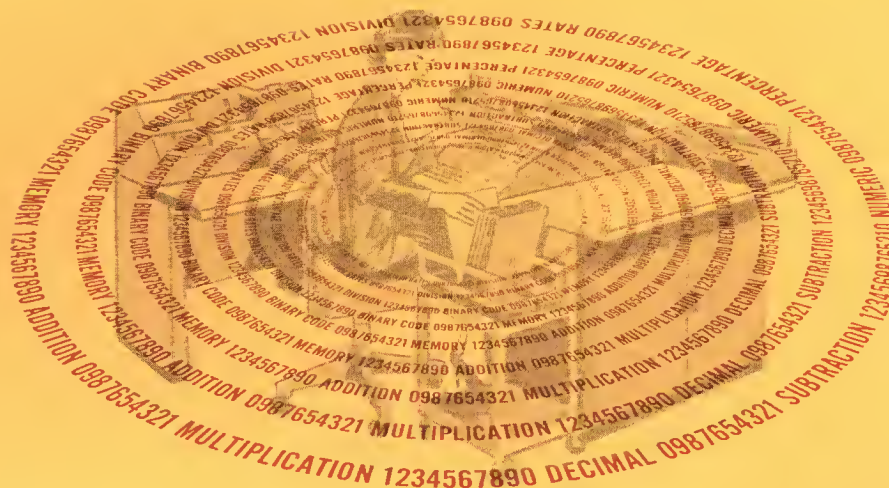
Electronic processing of data, work which was often relegated to a computer, is now feasible and practical on NCR's new 395 accounting system.

Data processing is a phrase that connotes many meanings. It can be described as voluminous details which must be organized, summarized and presented in recognizable and usable form. It can, and often does, include the most efficient handling of a piece of data from its originating point through various phases and steps in the system to its final destination. Whether this destination be in the form of a report, a document for presentation to a customer, employee, vendor, record of account or a combination of these; the efficiency with which the task is accomplished is still the most important function. The accomplishment of this function is inherent in the operation of the 395 system.

The ability to accept data from originating media, is a basic feature of the 395. It has the ability to summarize the data electronically, process related accounting records, prepare output media where needed and print summary information on hard-copy reports and records.

The NCR 395 simplifies data processing by starting with data from the originating document . . . processing that data to related records . . . accumulating summary totals for final reports . . . and providing for additional output in the form of punched cards or tape where subsequent processing is indicated.

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Processing on the 395 is completely electronic. A magnetic memory disk is used for storing data in binary coded decimal. Up to 120, fourteen-digit, numeric words of memory are individually addressable from external program. External selective control of memory by the operator, or automatically from cards, facilitates analysis work and provides flexibility in the system.

Internal logic is provided for all computations, decisions, comparisons, rounding and automatic numbering. The ability to accumulate multiple control classifications can, in many cases, eliminate subsequent processing.

For those applications requiring additional details, data can be automatically captured in tape or cards as a part of the primary processing routine.



output

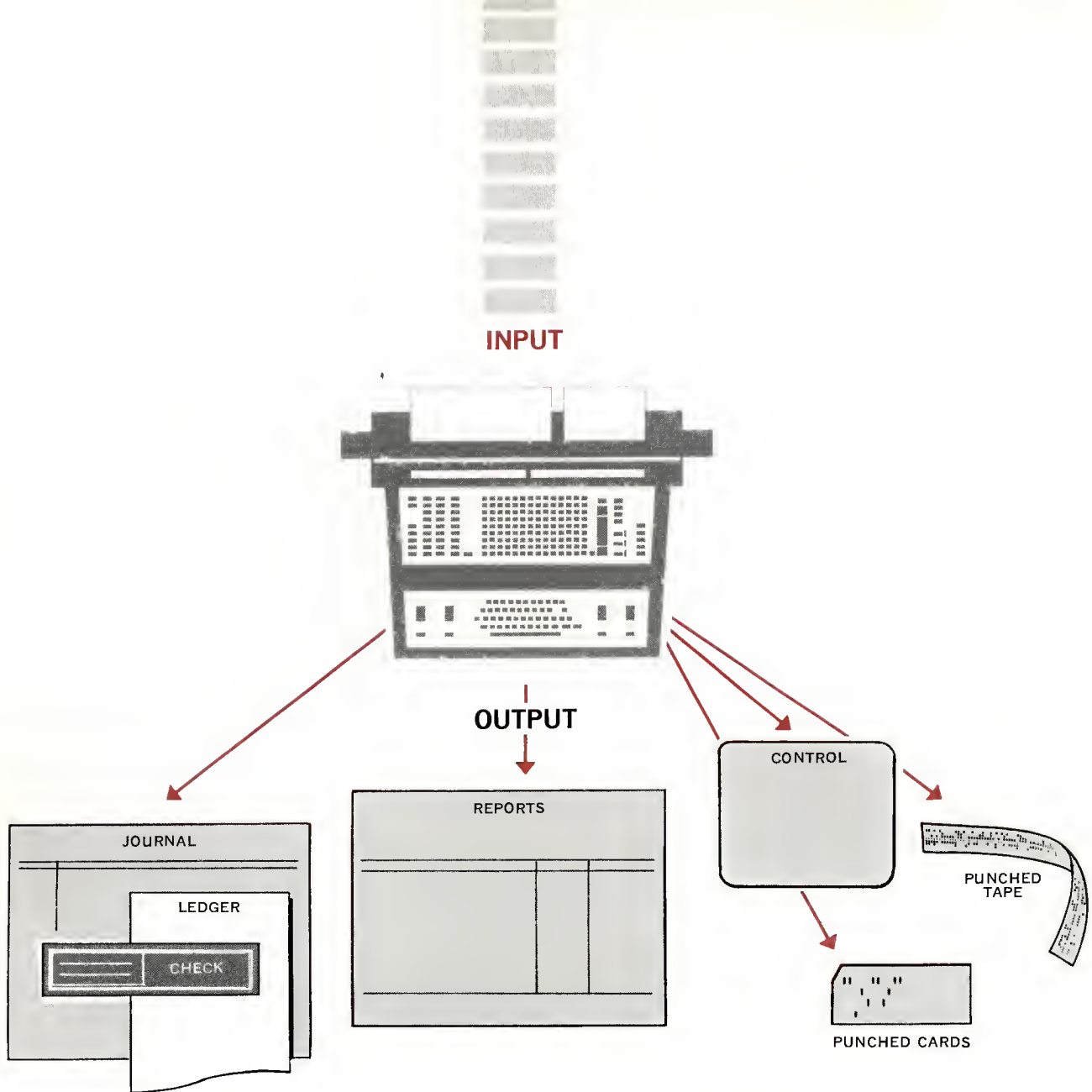
provides data in its most usable form . . .

Output of data, for presentation in usable form, is basic in any system. To accomplish this with minimum steps—from entry of data into the system to presentation—is a fundamental prerequisite to this primary goal.

The NCR 395 meets the requirements of an efficient data processing system in a sophisticated manner. Versatility in acceptance of data, proficiency in processing, and flexibility of output combine to provide a system that is superior in every respect.

Data can be taken directly from source documents and processed to related records and journals with automatic, electronic accumulation of summary information for controls and reports . . . all in one simple, simultaneous procedure. On some applications this "one-run processing" accomplishes all that is desired. There are certain instances, however, where it is desirable to capture additional details for subsequent processing as a part of the initial documentation.

Where system needs indicate such a requirement, the NCR 395 has complete flexibility for capturing data in the form of punched cards or punched tape. The establishment of controls and proof of data capture is fundamental in the procedures on the 395. Subsequent processing of the machinable media is easily proved back to the point of entry where control was established.



A continuous forms handling mechanism, under program tape control, is optional. It can be attached or removed in a matter of seconds, to provide added functional ability and utility to the system.

Thus, the facility for handling hard-copy records is complete, functional and efficient.



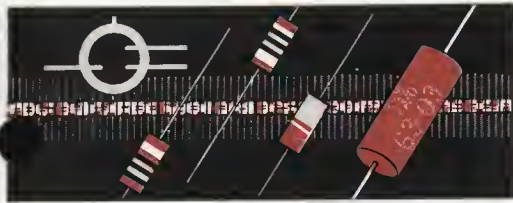
features

distinctive and functional . . .

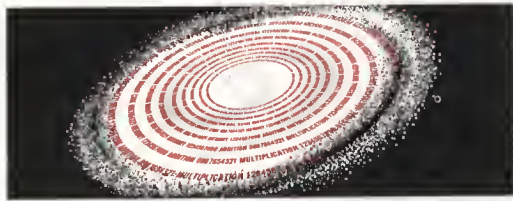
A system is not judged on one specific feature but on a combination of features that makes the system outstanding over all others. This is particularly true of the NCR 395.

Its combination of features is a result of many years of experience in the record-keeping field, scientific investigations, advanced engineering techniques, ideas and suggestions from thousands of satisfied users.

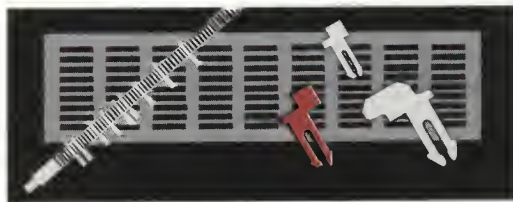
The outstanding features shown here are part of a system designed to speed processing of vital business data. This data is presented in a usable form, in time to be effective and provide management with the most efficient type of business operation.



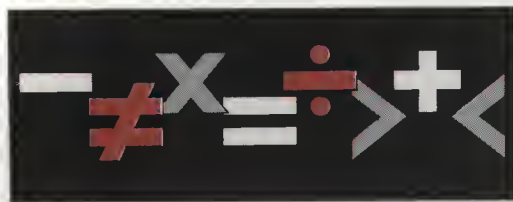
Transistorized circuitry provides speed, accuracy and reliability. Insures consistent peak performance.



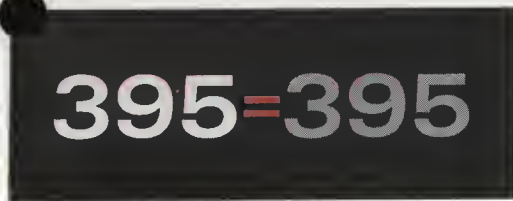
Electronic memory conserves space, increases flexibility, provides speed, and efficiency.



External programming offers flexibility, features simplicity and provides expansibility.



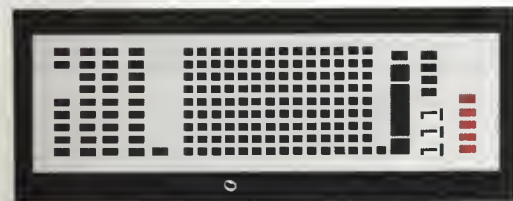
Electronic decisions prove equality, determine magnitude, eliminate unwanted factors automatically.



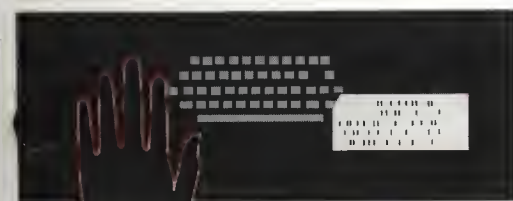
Electronic "print check" assures accuracy of figures read from memory and printed on forms.



Multi-form carriage offers large, versatile printing space . . . provides for efficient handling of multiple related records.



Numeric keyboard . . . standard, full, flexible . . . encourages accuracy, promotes speed.



Electric alpha keyboard . . . complete . . . 72-character, full shift . . . facilitates entry of descriptive data.

configuration

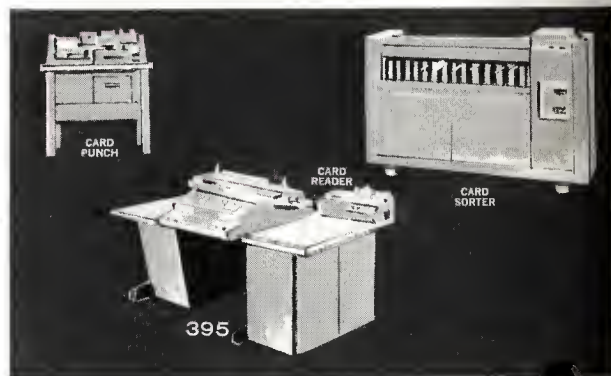
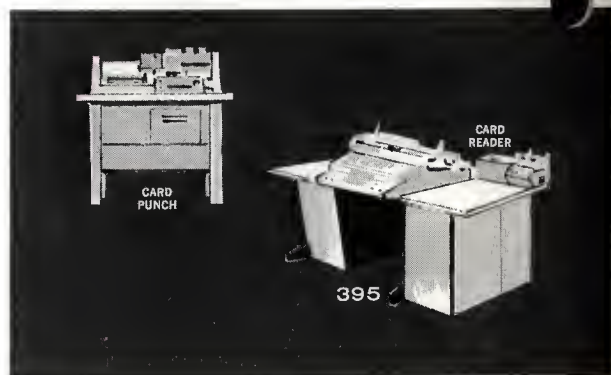
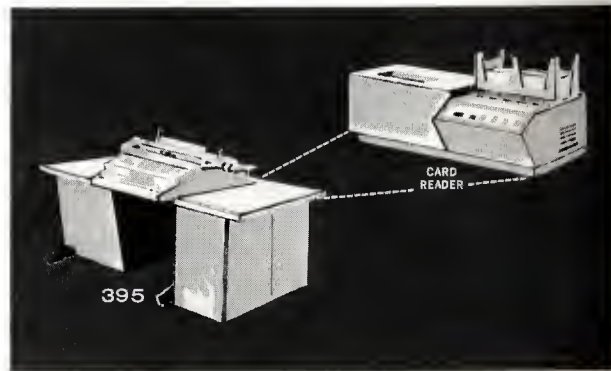
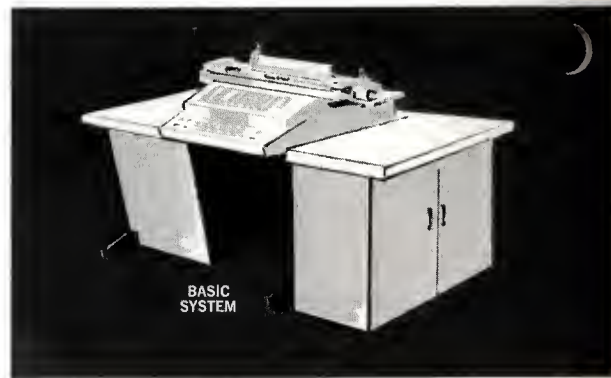
expansible . . .

The basic 395 system is available in a wide range of models with varying features and memory capacity to meet specialized as well as general applications. It serves as the nucleus from which to expand to a complete card-oriented system.

In many data processing applications, it is desirable to have punched card input. The NCR 395 card reader is specially made for the 395 system. The punched card reader enables the 395 to accept data from punched cards for posting directly to related records of account. It can also feed cards continuously for summarization of data or preparation of reports.

For those applications which require the output of data into punched cards, an alphameric card punch coupler is provided, permitting the connecting of a card punch to the system. With the card reader and a card punch, the 395 has the facility to accept input, process the data and produce output into punched cards as well as printing on hard-copy records.

The NCR 406 Sorter augments the 395 by providing unique and versatile sorting capabilities for a card-oriented 395 system.





The NCR 395 is a most unique electronic accounting system . . . designed to efficiently process accounting data for more profitable operation of a business.

Contact your NCR Representative—a trained systems specialist—for additional information on specifications and applications. Or, he will be glad to arrange a demonstration.



THE NATIONAL CASH REGISTER COMPANY, DAYTON 9, OHIO